

Title (en)  
Drill with trimming attachment.

Title (de)  
Bohrer mit Senkgerät.

Title (fr)  
Foret avec appareil de chaufreinage.

Publication  
**EP 0520111 A1 19921230 (EN)**

Application  
**EP 91312026 A 19911224**

Priority  
JP 15352691 A 19910625

Abstract (en)  
A drill and trimming attachment assembly is disclosed for drilling holes with beveled top openings in a work piece. The assembly includes a drill shaft with at least one longitudinally extending groove formed therein. A trimming attachment suitable for clamping to the drill shaft is also provided to form a beveled recess at the top of a hole formed by the drill. The trimming attachment includes a body and a trimming blade having base and arm portions. The base portion of the trimming blade is detachably secured to the body, and the body is arranged to be removably journaled about and clamped to the shaft of the drill such that an edge of the arm portion or the trimming blade is closely received by the groove. Thus, during use, the groove carries at least a portion of the load acting against the trimming blade. <IMAGE>

IPC 1-7  
**B23B 51/10**

IPC 8 full level  
**B23B 51/08** (2006.01); **B23B 51/10** (2006.01)

CPC (source: EP KR US)  
**B23B 51/08** (2013.01 - KR); **B23B 51/08** (2013.01 - EP US); **Y10S 408/713** (2013.01 - EP US); **Y10T 408/8725** (2015.01 - EP US); **Y10T 408/906** (2015.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 284 (M-348)(1721) 26 December 1984 & JP-A-59 152 004 ( MITSUI )

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DOCDB simple family (application)  
**EP 91312026 A 19911224**; AT 91312026 T 19911224; DE 69117286 T 19911224; JP 15352691 A 19910625; KR 910024532 A 19911227; US 81412091 A 19911226